

PATENT APPLICATION  
Docket No: 14321.81

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
Naoki Fujiwara et al. )  
Serial No.: 10/555,156 ) Art Unit  
Filing Date: November 2, 2005 ) 2828  
Confirmation No.: 3941 )  
For: WAVELENGTH TUNABLE DISTRIBUTED )  
BRAGG REFLECTOR (DBR) LASER (AMENDED) )

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed listed references are disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof that is not a US patent document is also enclosed.

Statement of Relevance of References Listed  
Unaccompanied by English Translation  
Under 37 CFR § 1.98(a)(3)

In accordance with 37 CFR § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided.

Japanese Publication No. 2003-110194: PROBLEM TO BE SOLVED: To provide a semiconductor laser device and a semiconductor laser module suitable for a light source for a raman amplifier obtaining a high gain stably. SOLUTION: An optical waveguide 4 having a diffraction grid 13 is provided on the emitting side of a GRIN-SCH-MQW active layer 3 emitting laser beams to output the laser beams including at least two oscillation vertical modes within the half value width of an oscillation wavelength spectrum by combination-setting an oscillation parameter including a gain area formed by the GRIN-SCH-MQW active layer 3 and the wavelength selection characteristic of the diffraction grid 13.

Non-Prior Art References

Enclosed for the examiner's consideration is a copy of an Office Action issued June 29, 2007 in Japanese Patent Application No. 2006-516885 which related to the present application. An English translation of the Office Action is also enclosed.

Dated this 7<sup>th</sup> day of August 2007.

Respectfully submitted,

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